

# Linda J Larson-Prior

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

4,080  
citations

393982

19  
h-index

223531

46  
g-index

61  
all docs

61  
docs citations

61  
times ranked

6185  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Connectome Project: A data acquisition perspective. <i>NeuroImage</i> , 2012, 62, 2222-2231.	2.1	1,978
2	Cortical network functional connectivity in the descent to sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4489-4494.	3.3	407
3	Adding dynamics to the Human Connectome Project with MEG. <i>NeuroImage</i> , 2013, 80, 190-201.	2.1	189
4	Atypical Resting-State Functional Connectivity of Affective Pain Regions in Chronic Migraine. <i>Headache</i> , 2013, 53, 737-751.	1.8	156
5	Allodynia and Descending Pain Modulation in Migraine: A Resting State Functional Connectivity Analysis. <i>Pain Medicine</i> , 2014, 15, 154-165.	0.9	120
6	Modulation of the brain's functional network architecture in the transition from wake to sleep. <i>Progress in Brain Research</i> , 2011, 193, 277-294.	0.9	114
7	The Human Connectome Project: A retrospective. <i>NeuroImage</i> , 2021, 244, 118543.	2.1	114
8	Resting States Affect Spontaneous BOLD Oscillations in Sensory and Paralimbic Cortex. <i>Journal of Neurophysiology</i> , 2008, 100, 922-931.	0.9	109
9	Changing demographics in REM sleep behavior disorder: Possible effect of autoimmunity and antidepressants. <i>Sleep Medicine</i> , 2011, 12, 278-283.	0.8	99
10	Morning-evening variation in human brain metabolism and memory circuits. <i>Journal of Neurophysiology</i> , 2013, 109, 1444-1456.	0.9	96
11	Resting-state Functional Magnetic Resonance Imaging Correlates of Sevoflurane-induced Unconsciousness. <i>Anesthesiology</i> , 2015, 123, 346-356.	1.3	95
12	ConnectomeDB—Sharing human brain connectivity data. <i>NeuroImage</i> , 2016, 124, 1102-1107.	2.1	80
13	Facial Recognition From Volume-Rendered Magnetic Resonance Imaging Data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009, 13, 5-9.	3.6	54
14	Excitatory amino acid receptor-mediated transmission in geniculocortical and intracortical pathways within visual cortex. <i>Journal of Neurophysiology</i> , 1991, 66, 293-306.	0.9	43
15	The use of QSD (q-sequence deconvolution) to recover superposed, transient evoked-responses. <i>Clinical Neurophysiology</i> , 2004, 115, 2754-2775.	0.7	40
16	Dissociated mean and functional connectivity BOLD signals in visual cortex during eyes closed and fixation. <i>Journal of Neurophysiology</i> , 2012, 108, 2363-2372.	0.9	33
17	Increased foot strike variability in Parkinson's disease patients with freezing of gait. <i>Parkinsonism and Related Disorders</i> , 2018, 53, 58-63.	1.1	33
18	Moving GLM ballistocardiogram artifact reduction for EEG acquired simultaneously with fMRI. <i>Clinical Neurophysiology</i> , 2007, 118, 981-998.	0.7	30

#	ARTICLE	IF	CITATIONS
19	Objective measures of gait and balance in healthy non-falling adults as a function of age. <i>Gait and Posture</i> , 2018, 65, 100-105.	0.6	21
20	Cortical-Subcortical Interactions in Hypersomnia Disorders: Mechanisms Underlying Cognitive and Behavioral Aspects of the Sleep-Wake Cycle. <i>Frontiers in Neurology</i> , 2014, 5, 165.	1.1	20
21	Gibbs distribution for statistical analysis of graphical data with a sample application to fcMRI brain images. <i>Statistics in Medicine</i> , 2016, 35, 566-580.	0.8	20
22	Impaired step-length setting prior to turning in Parkinson's disease patients with freezing of gait. <i>Movement Disorders</i> , 2018, 33, 1823-1825.	2.2	20
23	The Red Nucleus and Mesencephalic Tegmentum in a Rapid Amphibian: A Cytoarchitectonic and HRP Connective Study. <i>Brain, Behavior and Evolution</i> , 1992, 40, 273-286.	0.9	18
24	Characterization of Scale-Free Properties of Human Electroencephalography in Awake and Slow Wave Sleep States. <i>Frontiers in Neurology</i> , 2012, 3, 76.	1.1	18
25	Centering inclusivity in the design of online conferences: An OHBM Open Science perspective. <i>GigaScience</i> , 2021, 10, .	3.3	14
26	Frequency dependent activation of a slow N-methyl-d-aspartate-dependent excitatory postsynaptic potential in turtle cerebellum by mossy fibre afferents. <i>Neuroscience</i> , 1995, 67, 867-879.	1.1	13
27	Excitatory amino acid receptors mediate slow synaptic transmission in turtle cerebellum. <i>Neuroscience Letters</i> , 1989, 104, 286-291.	1.0	11
28	Virtual Reality in the Neurosciences: Current Practice and Future Directions. <i>Frontiers in Surgery</i> , 2021, 8, 807195.	0.6	11
29	Effect of obesity on inhibitory control in preadolescents during stop-signal task. An event-related potentials study. <i>International Journal of Psychophysiology</i> , 2021, 165, 56-67.	0.5	10
30	GABAergic inhibition and epileptiform discharges in the turtle hippocampus in vitro. <i>Brain Research</i> , 1988, 460, 369-375.	1.1	9
31	RBD and antidepressants. <i>Sleep Medicine</i> , 2012, 13, 211-212.	0.8	9
32	Effects of age of onset and medication on cognitive performance and quality of life in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2021, 121, 108008.	0.9	9
33	Serotonergic modulation of evoked responses in turtle cerebellar Purkinje cells. <i>Journal of Neurophysiology</i> , 1996, 76, 3102-3113.	0.9	8
34	Automated measurement of pediatric cranial bone thickness and density from clinical computed tomography. , 2012, 2012, 4462-5.		8
35	Effect of Armodafinil on Cortical Activity and Working Memory in Patients with Residual Excessive Sleepiness Associated with CPAP-Treated OSA: A Multicenter fMRI Study. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 143-153.	1.4	8
36	Russell's viper venom proteins: Molecular probes for neurotransmitter receptors: A review. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1988, 91, 51-60.	0.2	5

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37	Classification of simple stimuli based on detected nerve activity. IEEE Engineering in Medicine and Biology Magazine, 2003, 22, 64-76.	1.1	5
38	Human sensory-evoked responses differ coincident with either "fusion-memory" or "flash-memory", as shown by stimulus repetition-rate effects. BMC Neuroscience, 2006, 7, 18.	0.8	5
39	Amplitude setting and dopamine response of finger tapping and gait are related in Parkinson's disease. Scientific Reports, 2022, 12, 4180.	1.6	5
40	Localization of 2-[125I]iodomelatonin binding sites in visual areas of the turtle brain. European Journal of Pharmacology, 1996, 297, 181-185.	1.7	4
41	Background and mathematical analysis of diffusion MRI methods. International Journal of Imaging Systems and Technology, 2012, 22, 44-52.	2.7	4
42	Automated measurement of skull circumference, cranial index, and braincase volume from pediatric computed tomography. , 2013, 2013, 3977-80.		4
43	Sources of non-physiologic noise in simultaneous EEG-fMRI data: A phantom study. , 2010, 2010, 5129-32.		3
44	Anatomically Accurate Infant Head Models for EEG Source Localization. Journal of Physics: Conference Series, 2013, 434, 012012.	0.3	3
45	Identification of central 5-HT and 5-HT1A receptors in the turtle brain ( <i>Chrysemys picta</i> ). Neuroscience Letters, 1996, 212, 79-82.	1.0	2
46	Neural processing of high-rate auditory stimulation under conditions of various maskers. Neurocomputing, 2004, 58-60, 993-998.	3.5	2
47	Determination of neural state classification metrics from the power spectrum of human ECoG. , 2012, 2012, 4336-40.		2
48	Establishing a digital health platform in an academic medical center supporting rural communities. Journal of Clinical and Translational Science, 2020, 4, 384-388.	0.3	2
49	The use of rodent models to better characterize the relationship among epilepsy, sleep, and memory. Epilepsia, 2022, 63, 525-536.	2.6	2
50	Neurobiology of Sleep and Microbiomics in Aging. OBM Neurobiology, 2017, 01, 1-1.	0.2	1
51	Serotonergic modulation of the cerebellar granule cell network. Neurocomputing, 1999, 26-27, 419-426.	3.5	0
52	Imaging Across Scale: the Promise of Multi-modal Imaging. , 2006, , .		0
53	Synchrony-based integration of EEG and fMRI-BOLD in cognitive state transitions. BMC Neuroscience, 2007, 8, .	0.8	0
54	Effect Of Armodafinil On Cortical Activity And Working Memory In Patients With Residual Excessive Sleepiness Associated With CPAP-Treated OSA: A Multicenter FMRI Study. , 2010, , .		0

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55	Spatiotemporal analysis of the appearance of gamma-band Microstates in resting state MEG. , 2015, 2015, 2637-40.		0
56	600. Resting State fMRI of Raphe Nucleus Activity following Ketamine. Biological Psychiatry, 2017, 81, S243.	0.7	0
57	Information Processing in a Cerebellar Granule Cell. , 1997, , 115-121.		0
58	Facial Recognition from Volume Rendered Magnetic Resonance Imaging Data. IEEE Transactions on Information Technology in Biomedicine, 2009, , .	3.6	0